

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1 – 88. (Canceled)

89. (New) A method for use in wireless communication at a base station, the method comprising:

detecting an uplink physical channel signal from a wireless transmit/receive unit (WTRU); and

using a selectively operable beamforming antenna to direct a downlink common channel transmission toward a relative location of the WTRU in response to the detected uplink physical channel signal.

90. (New) The method of claim 89, wherein the downlink common channel transmission is a downlink physical channel transmission.

91. (New) The method of claim 90, wherein the downlink physical channel transmission is a synchronization channel (SCH) transmission or a paging indicator channel (PICH) transmission.

92. (New) The method of claim 89, wherein the downlink common channel transmission is a transport channel transmission.

93. (New) The method of claim 92, wherein the transport channel transmission is a forward access channel (FACH) transmission or a paging channel (PCH) transmission.

94. (New) The method of claim 89, further comprising:  
receiving a second message from the WTRU in response to the downlink common channel transmission, wherein the second message includes registration information or authentication information.

95. (New) A base station comprising:  
a selectively operable beamforming antenna;  
a receiver configured to detect an uplink physical channel signal from a wireless transmit/receive unit (WTRU); and  
a transmitter configured to selectively operate the beamforming antenna to direct a downlink common channel transmission toward a relative location of the WTRU, in response to the detected uplink physical channel signal.

96. The base station of claim 95, wherein the downlink common channel transmission is a downlink physical channel transmission.

97. The base station of claim 96, wherein the downlink physical channel transmission is a synchronization channel (SCH) transmission or a paging indicator channel (PICH) transmission.

98. The base station of claim 95, wherein the downlink common channel transmission is a transport channel transmission.

99. The base station of claim 98, wherein the transport channel transmission is a forward access channel (FACH) transmission or a paging channel (PCH) transmission.

100. The base station of claim 99, wherein the receiver is configured to receive a second message from the WTRU in response to the common channel transmission, wherein the second message includes registration information or authentication information.

101. A method for use in a wireless transmit/receive unit (WTRU), the method comprising:

transmitting an uplink physical channel signal to a base station; and

receiving a directional downlink common channel transmission from the base station in response to the uplink physical channel signal, wherein the downlink common channel transmission is not a broadcast channel transmission.

102. (New) The method of claim 101, wherein the downlink common channel transmission is a downlink physical channel transmission.

103. (New) The method of claim 102, wherein the downlink physical channel transmission is a synchronization channel (SCH) transmission or a paging indicator channel (PICH) transmission.

104. (New) The method of claim 101, wherein the downlink common channel transmission is a transport channel transmission.

105. (New) The method of claim 104, wherein the transport channel transmission is a forward access channel (FACH) transmission or a paging channel (PCH) transmission.

106. (New) The method of claim 101, further comprising:  
transmitting a second message to the base station in response to the downlink common channel transmission, wherein the second message includes registration information or authentication information.

107. (New) The method of claim 101, wherein the transmitting the uplink physical channel signal is performed in accordance with a discontinuous reception (DRX) cycle.

108. (New) The method of claim 101, wherein the transmitting the uplink physical channel signal is performed during cell selection or reselection.

109. (New) The method of claim 101, wherein the transmitting the uplink physical channel signal is performed on a condition that the WTRU is in an idle mode.

110. (New) A wireless transmit/receive unit (WTRU) comprising:  
an antenna configured to transmit an uplink physical channel signal to a base station; and

the WTRU configured to receive a directional downlink common channel transmission from the base station in response to the uplink physical channel signal, wherein the downlink common channel transmission is not a broadcast channel transmission.

111. (New) The method of claim 110, wherein the downlink common channel transmission is a downlink physical channel transmission.

112. (New) The method of claim 1111, wherein the downlink physical channel transmission is a synchronization channel (SCH) transmission or a paging indicator channel (PICH) transmission.

113. (New) The method of claim 110, wherein the downlink common channel transmission is a transport channel transmission.

114. (New) The method of claim 113, wherein the transport channel transmission is a forward access channel (FACH) transmission or a paging channel (PCH) transmission.

115. (New) The method of claim 110, wherein the antenna is configured to transmit a second message to the base station in response to the downlink common channel transmission, wherein the second message includes registration information or authentication information.

116. (New) The method of claim 110, wherein the antenna is configured to transmit the uplink physical channel signal in accordance with a discontinuous reception (DRX) cycle.

117. (New) The method of claim 110, wherein the antenna is configured to transmit the uplink physical channel signal during cell selection or reselection.

118. (New) The method of claim 110, wherein the antenna is configured to transmit the uplink physical channel signal on a condition that the WTRU is in an idle mode.